

Claims

1. An adjustable regulator insert (2) for valves (1), in particular for controlling the liquid flow in a plant for central heating or air conditioning, said insert (2) comprising inflow openings (8) and outflow openings (9), wherein the outflow openings (9) are closed off in response to the difference in pressure across the insert (2) under the influence of a spring (15) that seeks to keep the outflow openings (9) open, said insert (2) being furthermore provided with means for adjustably closing off the inflow openings (8), **characterised in** that the insert (2) is configured such that a certain degree of adjustable closure of the inflow openings (8) entails a compression of the spring (15) which is inversely proportionate with the closure.
2. An insert according to claim 1, **characterised in** that the inflow openings (8) and the outflow openings (9) are configured in a cup-shaped part (7), and that the outflow openings (9) are closed off by a roller membrane (13).
3. An insert according to claim 2, **characterised in** that the closure of the inflow openings (8) takes place via an axially displaceable closure skirt (10); and that the one end of the spring (15) abuts against the closure skirt (10).
4. An insert according to claim 3, **characterised in** that the axially displaceable closure skirt (10) is, via a thread, connected to a shaft (18) that extends out of the insert (2).
5. An insert according to any one of claims 1-4, **characterised in** that the insert (2) is provided with an indicator element (21) that shows the degree of closure of the inflow openings (8).